



SUBSTITUTE SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: Sriram, Subramaniam
Nag, Bishwajit
Sharma, Somesh D.
- (ii) TITLE OF INVENTION: Vaccination with Peptide of MHC Class II
Molecules for Treatment of Autoimmune Disease
- (iii) NUMBER OF SEQUENCES: 4
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Townsend and Townsend and Crew LLP
 - (B) STREET: Two Embarcadero Center, 8th Floor
 - (C) CITY: San Francisco
 - (D) STATE: California
 - (E) COUNTRY: USA
 - (F) ZIP: 94111
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 09/286,274
 - (B) FILING DATE: 05-APR-1999
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 07/992,942
 - (B) FILING DATE: 17-DEC-1992
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/338,553
 - (B) FILING DATE: 18-NOV-1994
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/485,617
 - (B) FILING DATE: 07-JUN-1995
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Apple, Randolph T.
 - (B) REGISTRATION NUMBER: 36,429
 - (C) REFERENCE/DOCKET NUMBER: 14058-29-3
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: (415) 576-0200
 - (B) TELEFAX: (415) 576-0300

(2) INFORMATION FOR SEO ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 18 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS:
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
(B) LOCATION: 1
(D) OTHER INFORMATION: /product= "OTHER"
/note= "Xaa = N-acetyl-alanine"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
(B) LOCATION: 18
(D) OTHER INFORMATION: /product= "OTHER"
/note= "Xaa = Theoninamide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Xaa Glu Tyr Tyr Asn Lys Gln Tyr Leu Glu Gln Thr Arg Ala Glu Leu
1 5 10 15

Asp Xaa

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 10 amino acids
 (B) TYPE: amino acid
 (C) STRANDEDNESS:
 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Tyr Tyr Asn Lys Gln Tyr Leu Glu Gln Thr
1 5 10

